

Board Administration and Regulatory Coordination Unit

Division 3. Air Resources Board

Chapter 1. Air Resources Board

Subchapter 2. Agricultural Burning Guidelines

Article 3. Meteorological Criteria for Regulating Agricultural Burning

§ 80180. North Coast Air Basin.

(a) Above 3,000 feet mean sea level* (msl), a permissive-burn day will be declared when the following criteria are met:

(1) Near 4:00 a.m., the mean 500 millibar (mb) height over the Basin is less than the limiting mean height given in Table 1 of section 80320.

(2) The expected 4:00 p.m. mean 500 mb height over the Basin is less than the limiting mean height given in Table 1 of section 80320.

(b) Below 3,000 feet msl*, a permissive-burn day will be declared when at least 3 of the following criteria are met:

(1) Near the time of day when the surface temperature is at a minimum, the temperature at 3,000 feet above the surface is not warmer than the surface temperature by more than 10 degrees Fahrenheit, except that during July through November it is not warmer by more than 18 degrees Fahrenheit.

(2) The expected daytime temperature at 3,000 feet above the surface is colder than the expected surface temperature by at least 11 degrees Fahrenheit for 4 hours.

(3) The expected daytime wind speed at 3,000 feet above the surface is at least 5 miles per hour.

(4) The expected daytime wind direction in the mixing layer has a component from the east and a speed of 12 miles per hour or less.

* In place of the standard 3,000 feet msl level, the elevation may be specified in increments of 500 feet on a day-to-day basis as determined from vertical temperature soundings.

NOTE: Authority cited: Sections 39600, 39601, 41856 and 41859, Health and Safety Code. Reference: Sections 41854, 41855, 41856, 41857, 41859 and 41863, Health and Safety Code.

REFERENCE